NAME _____ DATE _____ PERIOD _____

10-1 Practice

Squares and Square Roots

Find each square root.

1. $\sqrt{100}$
2. $\sqrt{144}$
3. $\sqrt{-36}$
4. $\sqrt{121}$
5. $\sqrt{-148}$
6. $-\sqrt{4}$
7. $-\sqrt{9}$
8. $-\sqrt{49}$
9. $\sqrt{256}$
10. $\sqrt{529}$
11. $\sqrt{361}$
12. $-\sqrt{196}$

Use a calculator to find each square root to the nearest tenth.

13. $-\sqrt{2.25}$
14. $\sqrt{38}$
15. $\sqrt{249}$
16. $\sqrt{131}$
17. $\sqrt{7}$
18. $\sqrt{52}$
19. $\sqrt{168}$
20. $\sqrt{499}$
21. $-\sqrt{217}$
22. $\pm\sqrt{218}$
23. $\pm\sqrt{42}$
24. $\pm\sqrt{94}$
25. $\pm\sqrt{50}$
26. $\pm\sqrt{11.7}$
27. $\pm\sqrt{208}$

28. Find the negative square root of 840 to the nearest tenth.

29. If $x^2 = 476$, what is the value of x to the nearest tenth?

30. The number $\sqrt{22}$ lies between which two consecutive whole numbers? Do not use a calculator.

Estimate each square root to the nearest integer. Do not use a calculator.

31. $\sqrt{76}$
32. $\sqrt{123}$
33. $\sqrt{300}$
34. $\sqrt{90}$
35. $\sqrt{19}$
36. $\sqrt{248}$

37. **GEOMETRY** A square tarpaulin covering a softball field has an area of 441 m^2. What is the length of one side of the tarpaulin?

38. **MONUMENTS** Refer to Example 5 on page 539 of your textbook. The highest observation deck on the Eiffel Tower in Paris is about 899 feet above the ground. About how far could a visitor see on a clear day?

NAME _____ DATE _____ PERIOD _____

10-4 Study Guide and Intervention

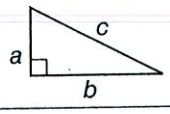
The Pythagorean Theorem

Use the Pythagorean Theorem In a right triangle, the sides adjacent to the right angle are called the **legs.** The side opposite the right angle is the **hypotenuse**. It is the longest side of a right triangle. The **Pythagorean Theorem** describes the relationship between the lengths of the legs and the hypotenuse for any right triangle.

Pythagorean Theorem

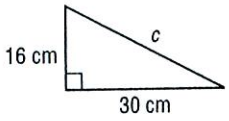
Words If a triangle is a right triangle, then the square of the length of the hypotenuse is equal to the sum of the squares of the lengths of the legs.

Model



Symbols $a^2 + b^2 = c^2$

Example **Find the length of the hypotenuse of the right triangle.**



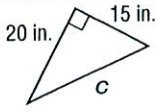
$a^2 + b^2 = c^2$	Pythagorean Theorem
$16^2 + 30^2 = c^2$	Replace a with 16 and b with 30.
$256 + 900 = c^2$	Evaluate 16^2 and 30^2.
$1156 = c^2$	Add 256 and 900.
$\pm\sqrt{1156} = c$	Definition of square root
$34 = c$	Use the principal square root.

The length of the hypotenuse is 34 centimeters.

Exercises

Find the length of the hypotenuse of each right triangle. Round to the nearest tenth, if necessary. Show your formula and steps on another sheet of paper. Calculators are allowed ☺

1.



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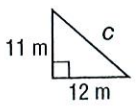

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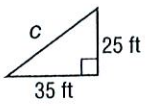

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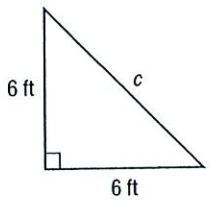

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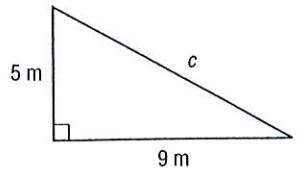

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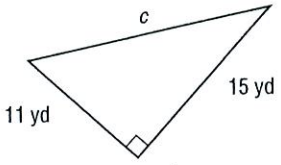


If c is the measure of the hypotenuse, find each missing measure. Round to the nearest tenth, if necessary. Show your formula and steps on another sheet of paper. Calculators are allowed ☺

7. $a = 18, b = 80, c = ?$

8. $a = ?, b = 70, c = 74$

9. $a = 14, b = ?, c = 22$

10. $a = ?, b = 48, c = 57$

NAME _____ DATE _____ PERIOD _____

10-4 Study Guide and Intervention *(continued)*

The Pythagorean Theorem

Use the Converse of the Pythagorean Theorem The Pythagorean Theorem is written in if-then form.

If a triangle is a right triangle, **then** $c^2 = a^2 + b^2$.

If you reverse the statements after *if* and *then*, you form the **converse** of the Pythagorean Theorem.

If $c^2 = a^2 + b^2$, **then** a triangle is a right triangle.

Since the converse of the Pythagorean Theorem is true, you can use it to determine whether or not a triangle is a right triangle.

Example **The measures of three sides of a triangle are given. Determine whether each triangle is a right triangle.**

a. 6 ft, 7 ft, 10 ft

$a^2 + b^2 = c^2$	Pythagorean Theorem
$6^2 + 7^2 \stackrel{?}{=} 10^2$	$a = 6, b = 7, c = 10$
$36 + 49 \stackrel{?}{=} 100$	Evaluate.
$85 \neq 100$	Simplify.

The triangle is *not* a right triangle.

b. 7 m, 24 m, 25 m

$a^2 + b^2 = c^2$	Pythagorean Theorem
$7^2 + 24^2 \stackrel{?}{=} 25^2$	$a = 7, b = 24, c = 25$
$49 + 576 \stackrel{?}{=} 625$	Evaluate.
$625 = 625$	Simplify.

The triangle is a right triangle.

Exercises

The lengths of three sides of a triangle are given. Determine whether each triangle is a right triangle. Show your formula and steps on another sheet of paper. Calculators are allowed ☺

1. $a = 8, b = 15, c = 17$
2. $a = 5, b = 12, c = 13$
3. $a = 9, b = 38, c = 38$
4. $a = 13, b = 36, c = 40$
5. $a = 5, b = 9, c = 13$
6. $a = 15, b = 20, c = 25$
7. $a = 9, b = 13, c = 21$
8. $a = 18, b = 24, c = 30$
9. $a = 20, b = 24, c = 26$
10. $a = 16, b = 30, c = 34$
11. $a = 25, b = 31, c = 37$
12. $a = 21, b = 29, c = 42$

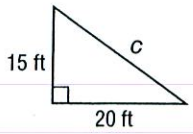
NAME _____ DATE _____ PERIOD _____

10-4 Practice

The Pythagorean Theorem

Find the length of the hypotenuse of each right triangle. Round to the nearest tenth, if necessary. Show your formula and steps on another sheet of paper. Calculators are allowed ☺

1.



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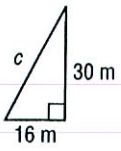

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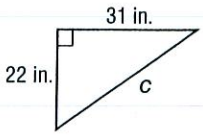

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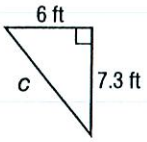

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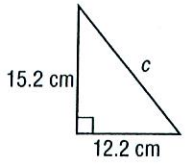

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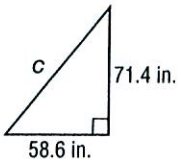

If c is the measure of the hypotenuse, find each missing measure. Round to the nearest tenth, if necessary. Show your formula and steps on another sheet of paper. Calculators are allowed ☺

7. $a = ?, b = 15, c = 31$

8. $a = 8, b = ?, c = 16$

9. $a = 11, b = 16, c = ?$

10. $a = ?, b = 13, c = 19$

11. $a = 10, b = ?, c = 18$

12. $a = 21, b = 23, c = ?$

13. $a = ?, b = 27, c = 35$

14. $a = 48, b = ?, c = 61$

15. $a = 26, b = \sqrt{596}, c = ?$

16. $a = ?, b = 12, c = \sqrt{318}$

The lengths of three sides of a triangle are given. Determine whether each triangle is a right triangle. Show your formula and steps on another sheet of paper. Calculators are allowed ☺

17. 5 m, 5 m, 10 m

18. 9 in., 12 in., 15 in.

19. ARCHITECTURE The diagonal distance covered by a flight of stairs is 21 ft. If the stairs cover 10 ft horizontally, how tall are they?

20. KITES A kite is flying at the end of a 300-foot string. It is 120 feet above the ground. About how far away horizontally is the person holding the string from the kite?

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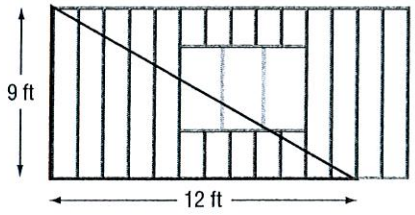
10-4 Word Problem Practice

The Pythagorean Theorem

Calculators are allowed ☺

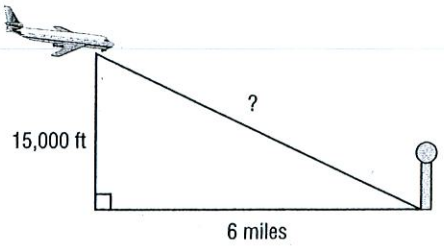
1. **HIKING** Freddy is on a nature hike. He hikes west 4 miles, and then he turns due north and hikes for 2 miles. It is getting dark and Freddy wants to take the shortest route back to where he started. What is the direct distance back to his starting point?

2. **CONSTRUCTION** Madeleine is helping to build a house with Habitat for Humanity. After an exterior wall is erected, she measures it to see if it is square. The height of the wall is 9 feet. She measures 12 feet along the floor from the corner and makes a mark. What should be the length of the diagonal from the top of the wall to her mark if the wall is square?



3. **FURNITURE** A corner table has a top in the shape of an isosceles right triangle. If the hypotenuse is 14 inches long, what is the length of each side?

4. **AIRPLANES** An airplane is flying at an elevation of 15,000 feet. The airport is 6 miles away from a point directly below the airplane on the ground. How far is the airplane from the airport? (*Hint*: Use the same unit of measure.)



5. **SAFETY** For safety reasons, the base of a ladder should always be about 1 foot away from the vertical support for every 4 feet of height.

   a. Pete needs to reach his cat in a tree. The cat is 15 feet off the ground and Pete's ladder is 16 feet long. Can Pete safely set up the ladder to rescue his cat? Explain.

   b. How long should an extension ladder be adjusted to safely reach a window that is 22 feet above the ground?

   c. What is the maximum height that a 24-foot ladder can safely reach?

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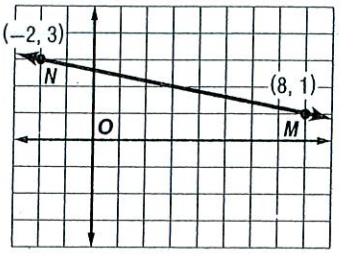
10-5 Study Guide and Intervention

The Distance Formula

Distance Formula On a coordinate plane, the distance d between two points with coordinates (x_1, y_1) and (x_2, y_2) is given by $d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$.

Example **Find the distance between $M(8, 1)$ and $N(-2, 3)$. Round to the nearest tenth, if necessary.**

$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$	Distance Formula
$MN = \sqrt{(8 - (-2))^2 + (1 - 3)^2}$	$(x_1, y_1) = (-2, 3)$, $(x_2, y_2) = (8, 1)$
$MN = \sqrt{(10)^2 + (-2)^2}$	Simplify.
$MN = \sqrt{100 + 4}$	Evaluate 10^2 and $(-2)^2$.
$MN = \sqrt{104}$	Add 100 and 4.
$MN \approx 10.2$	Take the square root.



The distance between points M and N is about 10.2 units.

Exercises

Find the distance between each pair of points. Round to the nearest tenth, if necessary. Show your work! Calculators are allowed☺

1. $A(3, 1), B(2, 5)$
2. $C(-2, -4), D(3, 7)$
3. $E(5, -3), F(4, 2)$
4. $G(-6, 5), H(-4, -3)$
5. $I(-4, -3), J(4, 4)$
6. $K(5, 0), L(-2, 1)$
7. $M(2, 1), N(6, 5)$
8. $O(0, 0), P(-5, 6)$
9. $Q(3, 5), R(4, 2)$
10. $S(-6, -4), T(-5, 6)$
11. $U(2, 1), V(4, 4)$
12. $W(5, 1), X(-2, -1)$
13. $Y(-5, -3), Z(2, 5)$
14. $A(8, -1), B(3, -1)$
15. $C(0, 0), D(2, 4)$
16. $E(-5, 3), F(4, 7)$

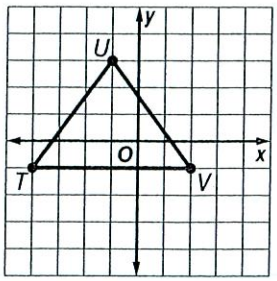
NAME _____ DATE _____ PERIOD _____

10-5 Study Guide and Intervention *(continued)*

The Distance Formula

Apply the Distance Formula Knowing the coordinates of points on a figure allows you to draw conclusions about it and solve problems about the figure on the coordinate plane.

Example **GEOMETRY Classify $\triangle TUV$ by its sides. Then find its perimeter to the nearest tenth.**



Step 1 Use the Distance Formula to find the length of each side of the triangle.

Side $\overline{TU}$ has endpoints $T(-4, -1)$ and $U(-1, 3)$.

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$TU = \sqrt{[(-1) - (-4)]^2 + [3 - (-1)]^2}$$

$$TU = \sqrt{(3)^2 + (4)^2}$$

$$TU = \sqrt{9 + 16} \text{ or } \sqrt{25}$$

Side $\overline{UV}$ has endpoints $U(-1, 3)$ and $V(2,-1)$.

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$UV = \sqrt{[2 - (-1)]^2 + [(-1) - 3]^2}$$

$$UV = \sqrt{(3)^2 + (-4)^2}$$

$$UV = \sqrt{9 + 16} \text{ or } \sqrt{25}$$

Side $\overline{VT}$ has endpoints $V(2,-1)$ and $T(-4, -1)$.

$$d = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

$$VT = \sqrt{[(-4) - (-2)]^2 + [(-1) - (-1)]^2}$$

$$VT = \sqrt{(-6)^2 + (0)^2}$$

$$VT = \sqrt{36}$$

Two sides are congruent. So, $\triangle TUV$ is isosceles.

Step 2 Add the lengths of the sides to find the perimeter.

$$\overline{TU} + \overline{UV} + \overline{VT} = \sqrt{25} + \sqrt{25} + \sqrt{36}$$
$$= 5 + 5 + 6 \text{ or } 16 \text{ units}$$

Exercises **Show your work! Calculators are allowed☺**

1. Classify $\triangle ABC$ with vertices A $(-5, 3)$, B $(2, 4)$, and C $(1, -4)$ by its sides. Then find its perimeter to the nearest tenth.

2. Classify $\triangle GHI$ with vertices G $(-2, -5)$, H $(2, 3)$, and I $(6, -5)$ by its sides. Then find its perimeter to the nearest tenth.

Lesson 10-5

NAME _____ DATE _____ PERIOD _____

10-5 Practice

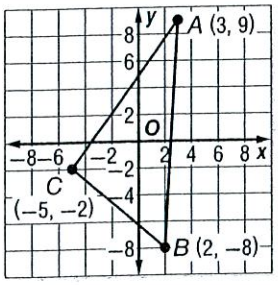
The Distance Formula

Find the distance between each pair of points. Round to the nearest tenth, if necessary. Show your work! Calculators are allowed☺

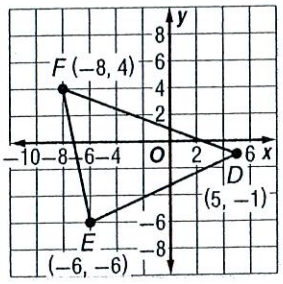
1. $A(5, 2), B(3, 4)$
2. $C(-2, -4), D(1, 3)$
3. $E(-3, 4), F(-2, 1)$
4. $G(0, 0), H(-7, 8)$
5. $R(-4, -8), S(2, -3)$
6. $G(9, 9), H(-9, -9)$
7. $M(1, 1), N(-10, -10)$
8. $P\left(1\frac{1}{2}, 3\right), Q\left(5, 6\frac{1}{4}\right)$
9. $R\left(7, 4\frac{1}{2}\right), S\left(6\frac{1}{2}, 3\frac{1}{4}\right)$
10. $T\left(-3\frac{1}{2}, -4\frac{1}{4}\right), U\left(5\frac{1}{2}, 1\frac{1}{2}\right)$
11. $A(5, 1), B(-4, 23)$
12. $V(4, 6), W(-8, -12)$
13. $C(-2, -4), D(-5, 6)$
14. $X(1, -7), Y(-1, 7)$
15. $E(5, -3), F(-7, 8)$
16. $A(8, 8), B(-8, -8)$

GEOMETRY Classify each triangle by its sides. Then find the perimeter of each triangle. Round to the nearest tenth.

17.



18.



19. **MAPS** On a map of the school, the baseball field is located at the coordinates (1, 7). The front entrance of the school is located at (5, 2). If each coordinate unit corresponds to 10 yards, how far is it from the front entrance to the baseball field?

20. Determine whether $\triangle XYZ$ with vertices $X(3, 4)$, $Y(2, -3)$, and $Z(-5, -2)$ is isosceles. Explain your answer.

21. Is $\triangle DEF$ with vertices $D(1, 4)$, $E(6, 2)$, $F(-1, 3)$ a scalene triangle? Explain.

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10-5 Word Problem Practice

The Distance Formula

Show your work! Calculators are allowed☺

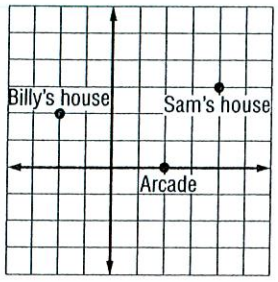
1. **MAPS** On a map of Joe's hometown, his house is located at (3, 4). His school is located at (−2, 2). How many units are there from Joe's house to his school?

2. **CARTOGRAPHY** Nicole is looking at a map of an amusement park. The scale is one unit equals 250 feet. The roller coaster is located at (5, 3) and the water slide at (−2, −1). How many feet apart are the two rides? Round to the nearest foot.

3. **LANDSCAPING** Susan is planting some trees in her front yard. She planted a Bradford pear tree 12 feet west and 1 foot north of her flagpole and planted a Juniper tree 15 feet east and 3 feet north of her flagpole. How far apart are the two trees? Round to the nearest tenth of a foot.

4. **HIKING** Two scout patrols start hiking in opposite directions. Each patrol hikes 5 kilometers. Then the scouts turn 90° to their right and hike another 6 kilometers. How many kilometers are there between the two scout patrols?

5. **MAPS** Billy and Sam drew a scaled map of their town to determine who lives closer to the Arcade, a favorite weekend meeting place for Billy and Sam. The following grid shows where Billy and Sam live and also where the Arcade is located. Each unit on the grid represents $\frac{1}{2}$ mile.



a. How far is Sam's house from the Arcade?

b. How far is Billy's house from the Arcade?

c. How far do Sam and Billy live from one another?

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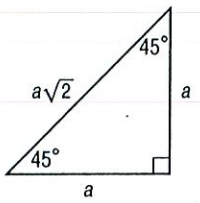
10-6 Study Guide and Intervention

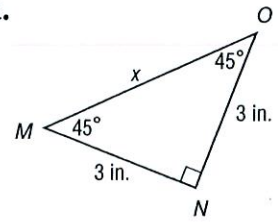
Special Right Triangles

Find Measures in 45°-45°-90° Triangles A 45°-45°-90° triangle is a special right triangle whose angles measure 45°, 45°, and 90°, creating a right isosceles triangle. All 45°-45°-90° triangles are similar. They have corresponding, congruent angles and proportional side lengths.

45°-45°-90° Triangles		
Words	In a 45°-45°-90° triangle, the length of the hypotenuse is $\sqrt{2}$ times the length of a leg.	**Model** 
Symbols	hypotenuse = leg · $\sqrt{2}$	

Example **Find the length of each hypotenuse.**

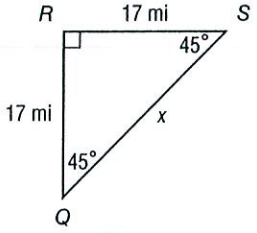
a.



$c = a \cdot \sqrt{2}$	Relationship for a 45°-45°-90° triangle
$c = 3 \cdot \sqrt{2}$	Replace a with 3.
$c = 3\sqrt{2}$	Simplify.

The hypotenuse measures $3\sqrt{2}$ inches.

b.



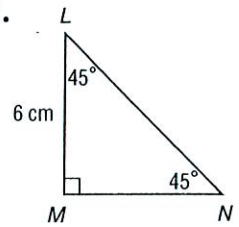
$c = a \cdot \sqrt{2}$	Relationship for a 45°-45°-90° triangle
$c = 17 \cdot \sqrt{2}$	Replace a with 17.
$c = 17\sqrt{2}$	Simplify.

The hypotenuse measures $17\sqrt{2}$ miles.

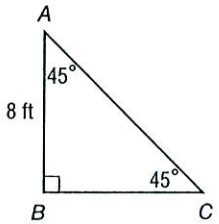
Exercises

Find the length of each hypotenuse.

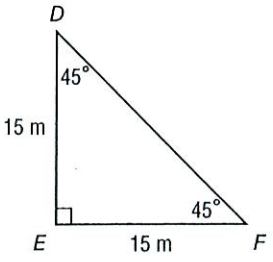
1.



2.



3.



NAME _____ DATE _____ PERIOD _____

10-6 Study Guide and Intervention *(continued)*

Special Right Triangles

Find Measures in 30°-60°-90° Triangles Another special right triangle is a 30°-60°-90° triangle. Just as all 45°-45°-90° triangles are similar, all 30°-60°-90° triangles are similar. They have corresponding, congruent angles and proportional side lengths.

30°-60°-90° Triangles

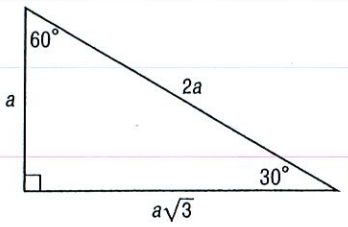
Words In a 30°-60°-90° triangle,

- the length of the hypotenuse is 2 times the length of the shorter leg, and
- the length of the longer leg is $\sqrt{3}$ times the length of the shorther leg.

Symbols hypotenuse = 2 · shorter leg

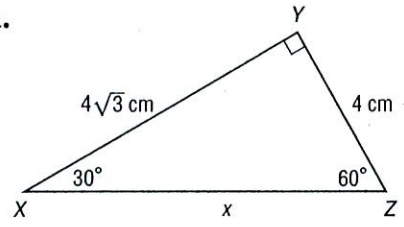
longer leg = $\sqrt{3}$ · shorter leg

Model



Example **Find the length of each missing measure.**

a.



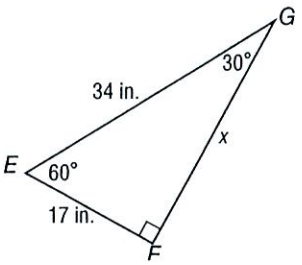
$c = 2a$ Relationship for a 30°-60°-90° triangle

$c = 2(4)$ Replace a with 4.

$c = 8$ Simplify.

The hypotenuse measures 8 centimeters.

b.



$b = a \cdot \sqrt{3}$ Relationship for a 30°-60°-90° triangle

$b = 17 \cdot \sqrt{3}$ Replace a with 17.

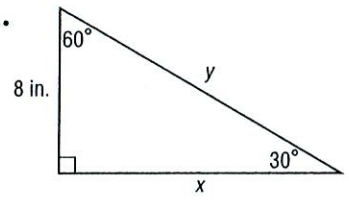
$b = 17\sqrt{3}$ Simplify.

The longer leg measures $17\sqrt{3}$ inches.

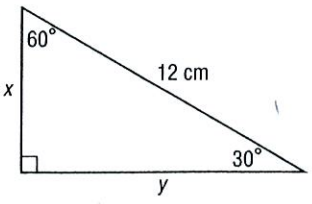
Exercises

Find the length of each missing measure.

1.



2.



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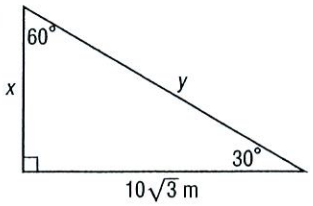


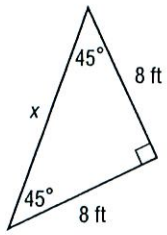
NAME _____ DATE _____ PERIOD _____

10-6 Practice

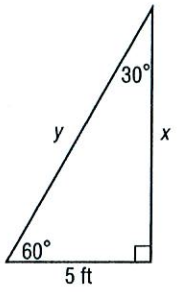
Special Right Triangles

Find each missing measure.

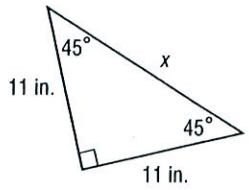
1.



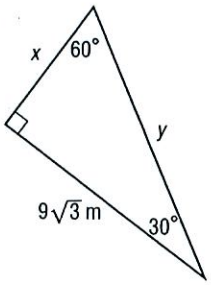
2.



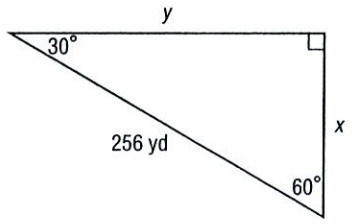
3.



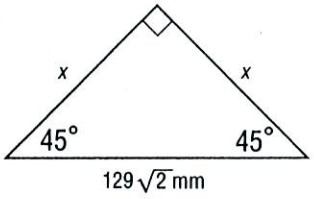
4.



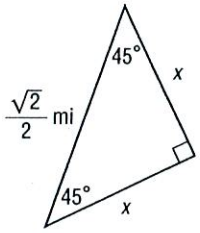
5.



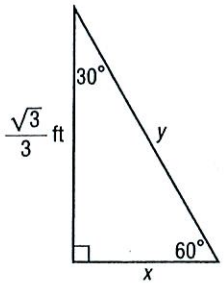
6.



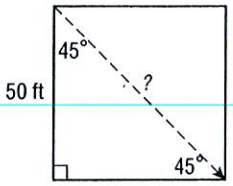
7.



8.



9. SHORTCUTS To get to school, Hari takes a shortcut across a square-shaped lot as shown in the drawing at the right. What is the distance of the shortcut Hari takes?



10. LADDERS A ladder leaning against the side of a building forms a 60° angle with the ground. If the ladder is 20 feet long, how far from the building is the base of the ladder?

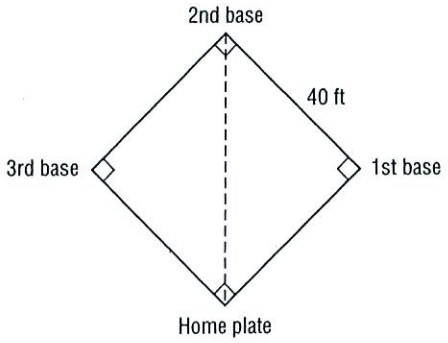
NAME _____ DATE _____ PERIOD _____

10-6 Word Problem Practice

Special Right Triangles

1. **RAMPS** A ramp for loading a car onto a flatbed tow truck makes a 30° angle with the ground. The height of the truck bed is 5 feet. Find the distance from the truck to the end of the ramp. Round to the nearest tenth.

2. **KICKBALL** A kickball field is in the shape of a square. The distance from first base to second base is 40 feet. Find the distance from home plate to second base. Round to the nearest tenth.



3. **BARNS** From the top of a barn 25 feet tall, you see a cat on the ground. The angle between your line of sight and the barn is 60°. How many feet, to the nearest foot, must the cat walk to reach the barn?

4. **LADDERS** A ladder leans against a building. The top of the ladder makes a 30° with the side of the building. The foot of the ladder is 6 feet from the building. Find the length of the ladder to the nearest foot.

5. **CABLES** A 100 -foot tall antenna has a wire cable that connects the top of the antenna to the ground 100 feet from the base of the antenna. How long is the wire cable? round to the nearest tenth

6. **BASEBALL** A baseball diamond is a square with sides of 90 feet.

   a. To the nearest foot, what is the length of a throw from home to second base?

   b. During warm ups, a baseball is thrown between first and third base 20 times. What is the distance traveled by the baseball?

Name _____ Date _____ Pd_____

Chapter 10 (part 1) Bringing It All Together

(Real Numbers & Right Triangles) → **NO Calculators**

Find each square root.

_____ 1) $\sqrt{169}$

_____ 2) $-\sqrt{1{,}600}$

_____ 3) $\sqrt{64}$

_____ 4) $\pm\sqrt{529}$

_____ 5) $-\sqrt{225}$

_____ 6) $\sqrt{-652}$

_____ 7) $\pm\sqrt{144}$

_____ 8) $\sqrt{-81}$

_____ 9) $\sqrt{36m^2}$

_____ 10) $\pm\sqrt{196p^8}$

Estimate mentally each square root to the nearest integer.

_____ 11) $\sqrt{183}$

_____ 12) $\sqrt{84}$

_____ 13) $-\sqrt{402}$

_____ 14) $-\sqrt{38}$

_____ 15) $\pm\sqrt{78}$

_____ 16) $\pm\sqrt{116}$

_____ 17) $-\sqrt{257}$

_____ 18) $\sqrt{96}$

_____ 19) $\sqrt{29}$

_____ 20) $\sqrt{388}$

Finished?! Super ☺ Please see the teacher to exchange part one of the test for part two (where a calculator will be allowed) ☺

Name _____ Date _____ Pd_____

Chapter 10 (part 2) Bringing It All Together

(Real Numbers & Right Triangles) → **Calculators = OK!**

Find each square root to the nearest tenth.

_____ 21) $\sqrt{86}$

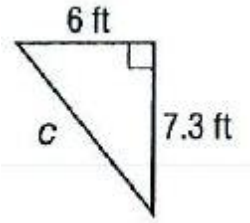
_____ 22) $\pm\sqrt{97}$

_____ 23) $-\sqrt{148}$

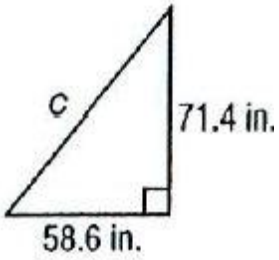
_____ 24) $\sqrt{53.9}$

Find the length of the hypotenuse of each right triangle.
Round to the nearest tenth. Show your formula and work ☺

_____ 25)



_____ 26)



If c is the measure of the hypotenuse, find each missing measure.
Round to the nearest tenth. Show your formula and work ☺.

27) $a = 48\ ;\ b = ?\ ;\ c = 61$

28) $a = ?\ ;\ b = 13\ ;\ c = 19$

The lengths of three sides of a triangle are given.
Determine whether each triangle is a right triangle.
Round to the nearest tenth. Show your formula and work ☺

29) $33\ m\ ;\ 36\ m\ ;\ 49\ m$

30) $6\ in.\ ;\ 8\ in.\ ;\ 10\ in.$

OVER⟶

Name _____ Date _____ Pd_____

Find the distance between each pair of points.
Round to the nearest tenth. Show your work ☺

31) $\boldsymbol{V}\ (2,\ -6)$; $\boldsymbol{W}\ (4,\ -7)$

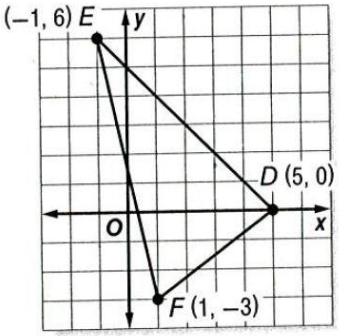
32) $\boldsymbol{J}\ \left(1\frac{1}{2},\ 3\right)$; $\boldsymbol{K}\ (5,\ 6\frac{1}{4})$

33) $\boldsymbol{G}\ (5,\ 10)$; $\boldsymbol{H}\ (-4,\ -3)$

34) $\boldsymbol{B}\ (7, 4.5)$; $\boldsymbol{C}\ (6.5,\ 3.25)$

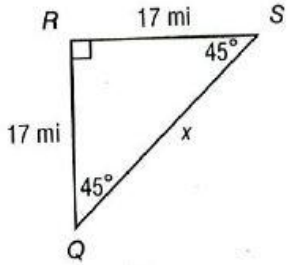
Classify the triangle by its sides. Then find the perimeter of the triangle.
Round to the nearest tenth. Show your work ☺

35)

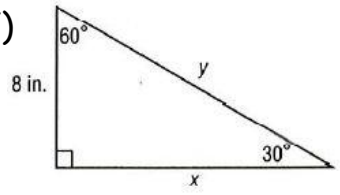


Find each missing measure

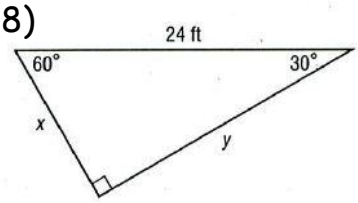
36)



37)



38)



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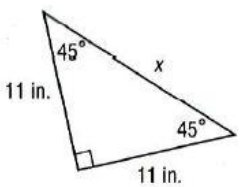

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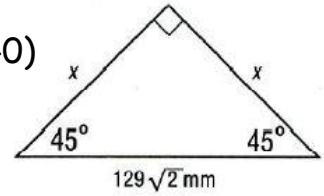
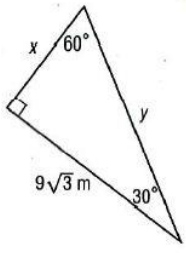


41)



FINALLY DONE